	I Claim:		
l	1.	An article comprising:	
2	a fluid reservoir having a plurality of chambers and a non-compartmentalized region		
3	overlying said chambers;		
4	a plurality of valves operable to receive and controllably dispense sub-milliliter		
5	quantities of at least one fluid stored in said chambers; and		
6	a plurality of fluid-delivery conduits that place said chambers and said valves in fluid		
7	communication.		
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1	2.	The article of claim 1 wherein said fluid-delivery conduits have a length that	
2	is less than about one centimeter.		
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1	3.	The article of claim 1 further comprising a plurality of ports for individually	
2	filling said chambers.		
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1	4.	The article of claim 1 wherein said valves are tiltable relative to a vertical	
2	axis.		
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1	5.	The article of claim 1 wherein said plurality of valves are received by a	
2	valve-support member.		
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1	6.	The article of claim 5 wherein:	
2	said valve-support member has a first elongate hole and a second elongate hole, said		
3	first and second elongate holes having a long axis aligned in a first direction; and		
4	said valve support member is attached to a positioning member at a third elongate		
5	hole and at a fourth elongate hole of said positioning member, said third and fourth elongate		
6	holes having a long axis aligned in a second direction;		
7	wherein:		
8		said first direction is orthogonal to said second direction; and	
9		said valve-support member is movable in said second direction along said	
10	long	axis of said third and fourth elongate holes.	

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1	7.	The article of claim 6 wherein said valve-support member is movable in said	
2	first direction along said long axis of said first and second elongate holes.		
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1	8.	The article of claim 6 further comprising a longitudinal positioner that is	
2	operable to mo	ove said valve support member in a third direction that is orthogonal to said first	
3	direction and orthogonal to said second direction.		
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1	9.	The article of claim 1 further comprising a pinch valve that is disposed in a	
2	fluid-delivery conduit and is operable to affect a flow of liquid out of said fluid-delivery		
3	conduit.		
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1	10.	The article of claim 1 further comprising a restriction orifice disposed in said	
2	fluid-delivery conduit, said restriction orifice operable to admit liquid into said fluid-delivery		
3	conduit at a slower rate than said liquid is dispensed through said valves.		
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1	11.	The article of claim 1 further comprising a dynamic pressure sensor operable	
2	to sense pressure within said fluid-delivery conduit.		
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1	12.	The article of claim 1 further comprising a resilience-adjusting element	
2	operable to adjust a resilience of said fluid-delivery conduit.		
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1	13.	The article of claim 12 wherein said resilience-adjusting element comprises:	
2	an enclosure that defines a pressure-tight chamber surrounding at least a portion of		
3	said fluid-delivery conduit; and		
4	a pressure-adjustment element for changing pressure within said enclosure.		
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1	14.	The article of claim 1 further comprising an incremental positioner operable	
2	to advance a liquid receiver beneath said plurality of valves.		

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1	15. An article comprising:		
2	a positioning member having a first elongate hole, said first elongate hole having a		
3	long axis aligned in a first direction; and		
4	a multi-channel liquid dispensing head having a second elongate hole, said second		
5	elongate hole having a long axis aligned in a second direction that is orthogonal to said first		
6	direction;		
7	wherein:		
8	said positioning member engages said multi-channel liquid dispensing head via said		
9	first and second elongate holes; and		
10	said multi-channel liquid dispensing head is movable in said first direction along said		
11	long axis of said first elongate hole.		
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1	16. The article of claim 15 wherein said multi-channel liquid dispensing head is		
2	movable in said second direction along said long axis of said second elongate hole.		
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1	17. The article of claim 16 wherein said multi-channel liquid dispensing head		
2	comprises:		
3	a plurality of valves; and		
4	a plurality of fasteners having eccentrically disposed holes that receive said valves;		
5	wherein when said fasteners are rotated, said valves tilt relative to said second		
6	direction.		
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1	18. The article of claim 17 further comprising a longitudinal positioner that is		
2	operable to move said multi-channel liquid dispensing head in a third direction that is		
3	orthogonal to said first direction and orthogonal to said second direction.		
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1	19. The article of claim 17 further comprising a plurality of fluid-delivery		
2	conduits that are in fluid communication with said plurality of valves, said fluid-		
3	delivery conduits including at least one fluid control feature.		
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1	20. The article of claim 19 further comprising a reservoir having a plurality of		
2	chambers that are in fluid communication with said plurality of said fluid-delivery conduits.		